

FCC

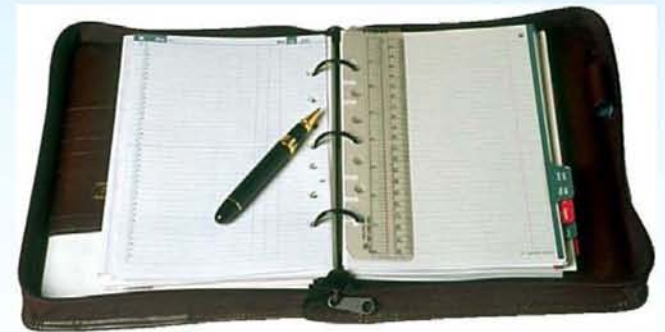
Wireline Competition Bureau

**Intrado – Intelligent Emergency
Network®**

April 15, 2008

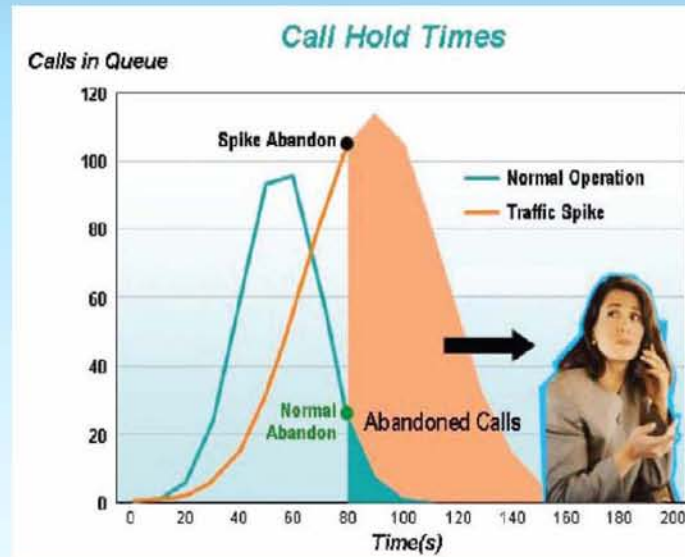
Agenda

- ❑ 9-1-1 Limitations and Expectations
- ❑ Intrado's Next Generation Solution
- ❑ Q&A



9-1-1 Current Limitations and Expectations

Technological Shortcomings of the 9-1-1 Legacy Network



**Call Spikes
Increasing Hold Times
Abandoned Calls**



**PSAP Outages
Backhoe Incidents**

350,000,000
300,000,000
250,000,000
200,000,000
150,000,000
100,000,000
50,000,000
0

Population
Total 9-1-1 Calls per Year

1968 1972 1976 1980 1984 1988 1992 1996 2000 2004

**Call volumes increasing
exponentially**

THE MARKET

Increasing Demands on the 9-1-1 System



Expectations



**“ the expectation is
that we can accept text...
and we can't! ”**

**“ NG 9-1-1 will provide
replacement for decades
old technology... ”**



**First Native IP-based
E9-1-1 Call**

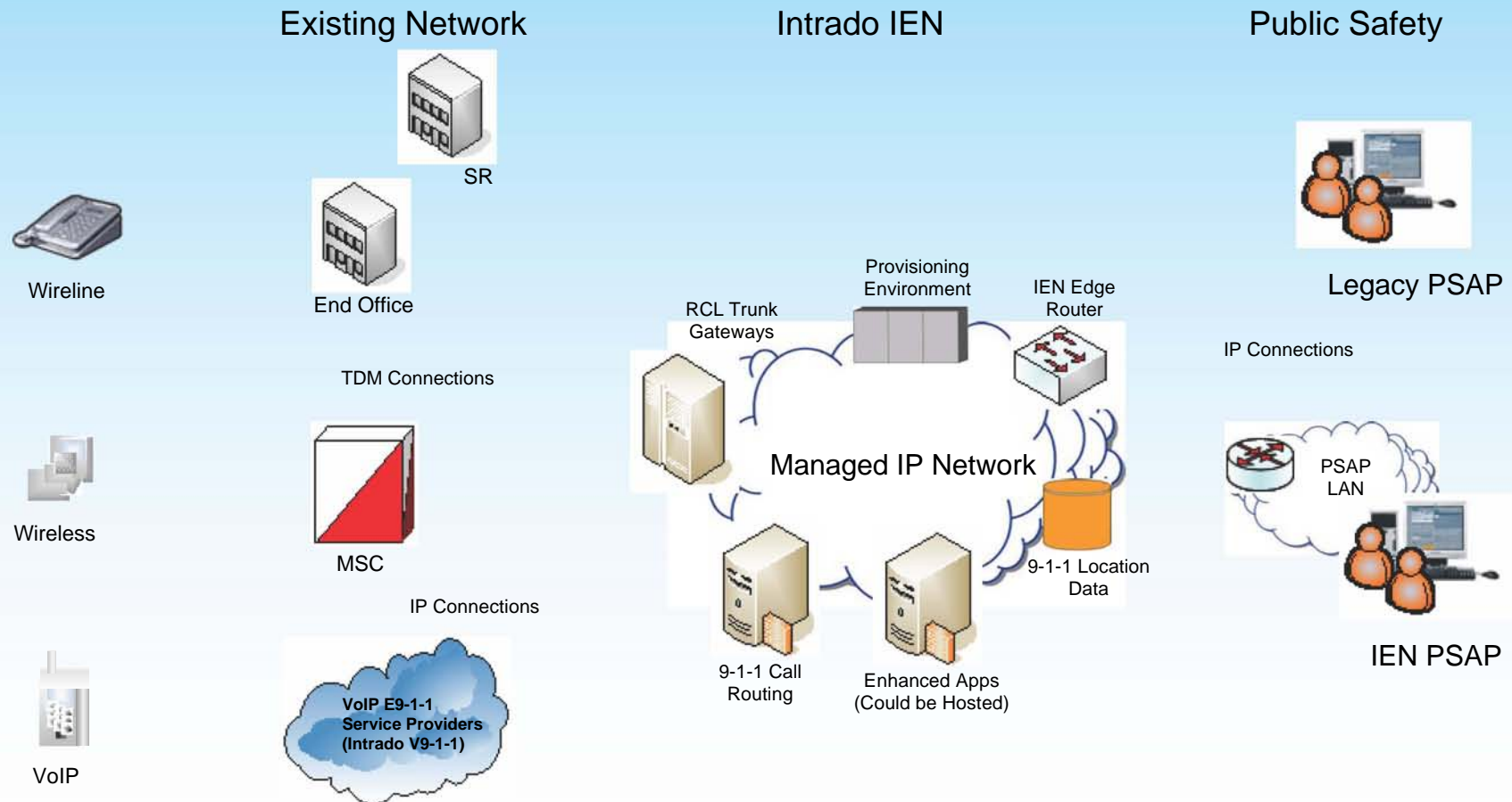
The Right Data To the Right Person at the Right Time

9-1-1 Response Continuum

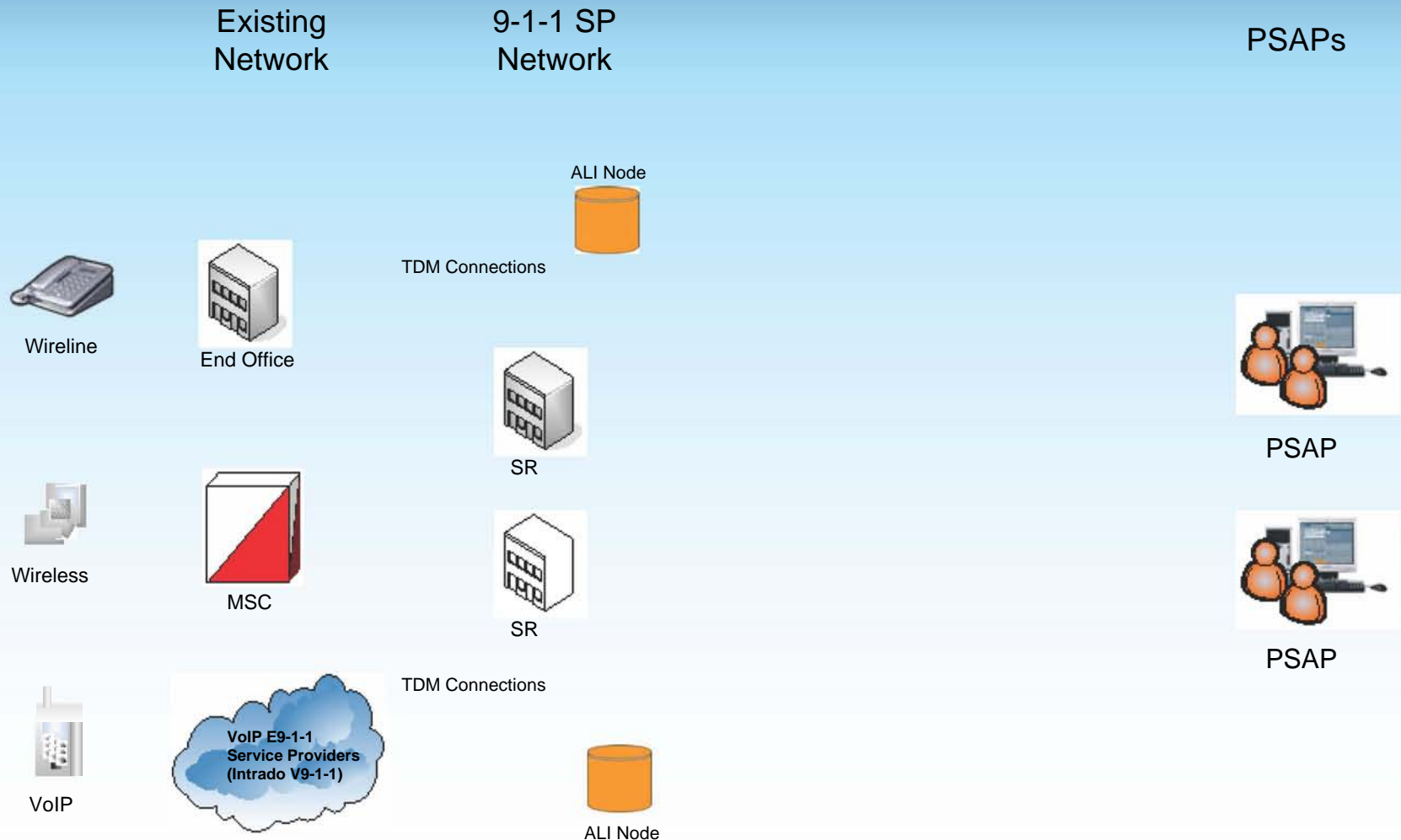


Intrado's Next Generation Solution

Intelligent Emergency Network



Transitioning from Current Environment

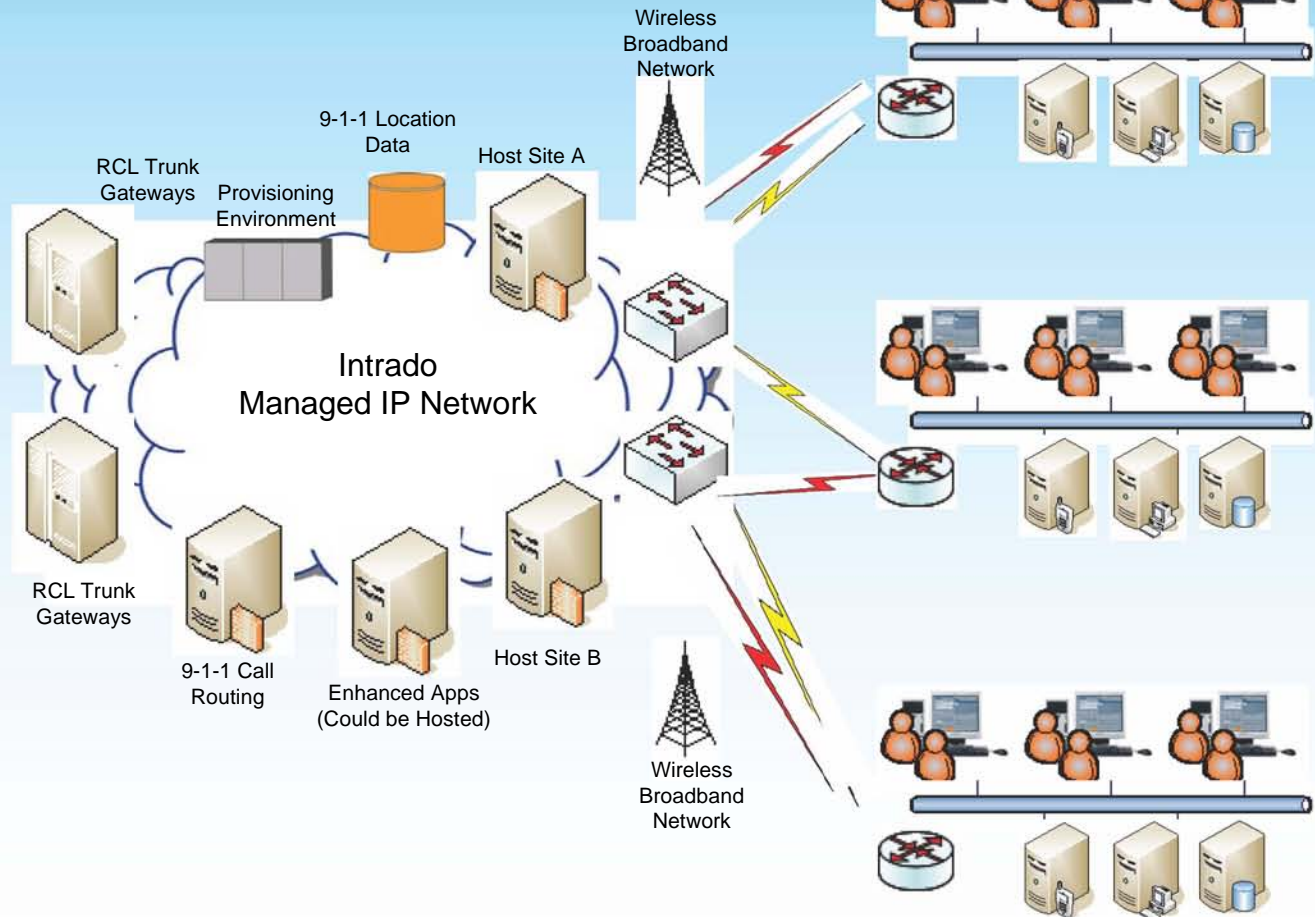
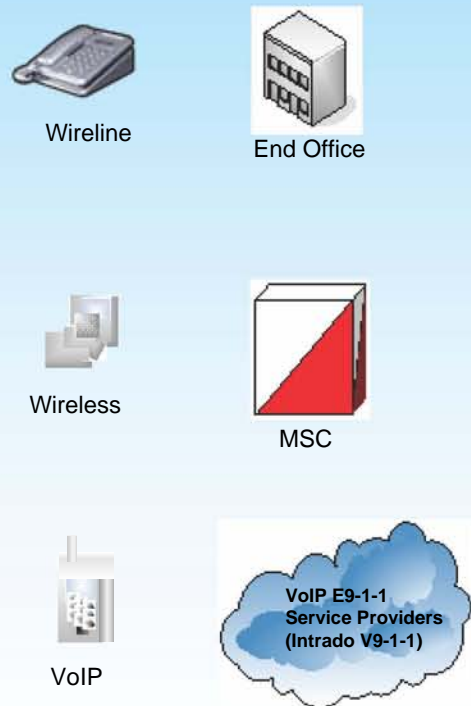


Transitioning to Next Generation

Existing
Network

Intrado NG9-1-1 and
Hosted Services

PSAPs



Next Generation 9-1-1 Model

- Built on 40 years of 9-1-1 network experience
- IP-based secure and managed network
 - NOT the public Internet
- Addresses more than traditional wireline technology
- New, stronger network, not just another application
- Flexibility to evolve, expand with public expectations
- Open standards based
- Moves away from incumbent local exchange carrier as the owner of 9-1-1